

IN THE CLAIMS

Please amend the claims as follows:

1.-18. (Canceled)

19. (New) An optical distribution network system comprising:

an optical line termination; and

a first optical network unit connected to said optical line termination through a working optical network and a standby optical network,

wherein said optical line termination is configured to send a first passive optical network section trace (PST) message, and

wherein said first optical network unit is configured to receive said first PST message, and is configured to switch transmission of data traffic to said optical line termination along either one of said working optical network and said standby optical network based on said first PST message.

20. (New) The optical distribution network system according to claim 19, wherein said switching transmission of data traffic is performed based on a first selection signal included in said first PST message.

21. (New) The optical distribution network system according to claim 19, further comprising a second optical network unit connected to said optical line termination through said working optical network and said standby optical network,

wherein said optical line termination is configured to send a second PST message, and

wherein said second optical network unit is configured to receive said second PST message, and is configured to switch transmission of data traffic to said optical line

termination along either one of said working optical network and said standby optical network based on said second PST message.

22. (New) The optical distribution network system according to claim 21, wherein said switching transmission of data traffic is performed based on a second selection signal included in said second PST message.

23. (New) A network system switching method for an optical distribution network system provided with an optical line termination and a first optical network unit connected through a working optical network and a standby optical network, comprising steps of:

 sending a first passive optical network section trace (PST) message from said optical line termination; and

 switching transmission of data traffic to said optical line termination along either one of said working optical network and said standby optical network by said first optical network unit based on said first PST message received from said optical line termination.

24. (New) The network system switching method according to claim 23, wherein said switching transmission of data traffic is performed based on a first selection signal included in said first PST message.

25. (New) The network system switching method according to claim 23, further provided with a second optical network unit connected through said working optical network and said standby optical network, further comprising steps of:

 sending a second PST message from said optical line termination; and

 switching transmission of data traffic to said optical line termination along either one of said working optical network and said standby optical network by said first optical

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network unit based on said second PST message received from said optical line termination.

26. (New) The network system switching method according to claim 25, wherein said switching transmission of data traffic is performed based on a second selection signal included in said second PST message.